Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 16 Oct 2020 until 23:59 on Saturday 17 Oct 2020

Forecast Issued on Thursday 15 Oct 2020 at 10:50

Confidence: High for generally settled conditions for a few days and turning unsettled into next week, but lower confidence for details on cloud and showers and for how wet n windy next week is.

Headline for Friday 16 Oct 2020: Rather cloudy with low cloud over eastern slope at first then some brightness, but mostly cloudy with showery rain in afternoon.

Mountain weather hazards on Friday 16 Oct 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Light rain	Light rain	Cloudy	Cloudy
Precipitation probability							
10%	20%	20%	30%	50%	40%	30%	20%

Forecast for Friday 16 Oct 2020

Weather: Some patchy mist and fog in valleys overnight and low cloud is likely to build up onto eastern slopes, otherwise rather cloudy with a few showers. Low cloud on eastern slopes will lift and clear in the morning and any mist and fog will lift too, then some bright spells and scattered showers, but cloud will increase to bring showery outbreaks of rain by the afternoon. Cloud lifting and breaking at times from mid-afternoon and through the evening with less in the way of showers and some bright or clear spells will break through.

Chance of cloud free mountain/hill tops above 600m: 80% with patchy cloud near the summits at first, but 50 or 60% by the afternoon, with cloud lowering onto the tops and down to 500m at times.

Visibility: Mostly good beneath cloud, but moderate perhaps poor in rain and showers and poor or very poor in any mist and fog

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Forecast for Friday 16 Oct 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 NE	11/17 NE	12/18 NE	12/16 NE	14/19 NE	14/19 NE	14/19 NE	14/18 NE	12/16 NE
300	7/13 NE	8/15 NE	9/17 NE	10/16 NE	11/17 NE	11/17 NE	8/14 NE	8/14 NE	8/14 NE
Valley	7/18 NE	7/17 NE	8/19 NE	9/17 NE	9/18 NE	8/18 NE	7/17 NE	8/16 NE	8/17 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	4/0	4/0	4/0	6/2	6/2	6/2	5/0	4/0
300	6/4	6/4	6/4	7/4	8/6	9/6	8/6	7/5	7/4
Valley	7/5	6/4	7/4	8/6	10/7	10/8	9/7	8/6	8/5
Freezing Level*	1200m	1100m	1100m	1200m	1400m	1500m	1600m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A little chilly over the tops in cloud and showers, but generally mild.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 15 Oct 2020	0.2mm	2.4mm	8.8mm

Forecast for Saturday 17 Oct 2020

Weather: Perhaps some early mist or fog patches in valleys, but mostly cloudy with scattered showers, though some brighter interludes and perhaps some sunshine in the afternoon.

Maximum wind: East or northeast 5 to 10 mph, but light and variable later in the day.

Chance of cloud free mountain/hill tops above 600m: 70 or 80%, with occasionally broken cloud down to 600m.

Visibility: Very good, but some reductions with showers and poor or very poor in early mist and fog.

Temperature: **Valleys:** Plus 2 rising to plus 12C
At 600m: Plus 4 to 6 C
Freezing level: Above the tops

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